## AMENDMENTS TO THE CLAIMS

**This listing of claims will replace all prior versions and listings of claims in the application:**

## II. LISTING OF CLAIMS:

1-24. (Canceled).

25. (Currently amended) An apparatus for measuring a value detected from a second label corrected for a value detected from a first label comprising:

a test piece with a plurality of known different specific binding substances respectively disposed at a plurality of predetermined positions thereon, wherein said different specific binding substances are each labeled with a first labeling substance, wherein an organism-originated substance specifically binds to at least one of said specific binding substances, and wherein said organism-originated substance is labeled with a second labeling substance that differs from said first labeling substance;

a first detection unit~~means for detecting~~, wherein said first detection unit detects a level of a first labeling signal emitted by a~~said~~ first labeling substance~~, wherein said first labeling substance labels a plurality of known different specific binding substances respectively disposed at a plurality of predetermined positions on a carrier of a test piece~~;

a second detection unit~~means for detecting~~, wherein said second detection unit detects a level of a second labeling signal emitted by said ~~a~~ second labeling substance~~, wherein said second labeling substance differs from said first labeling substance and labels an organism-originated substance that binds to said specific binding substance~~; and

an analyzing unit~~means~~, wherein said analyzing unit measures ~~for measuring~~ a quantity of said organism-originated substance bound to each of said specific binding substances, based on a~~the~~ detected level of said second labeling signal, corrected for a~~the~~ detected level of said first labeling signal at each of said predetermined positions.

26. (Currently amended) The apparatus as set forth in claim 25, wherein said specific binding substances are~~is a~~ cDNA polynucleotides~~polynucleotide~~.

27. (Currently amended) The apparatus as set forth in claim 25, wherein said analyzing unit~~means performing said measurement~~ utilizes a correction value calculated for each of said specific binding substances ~~used in the method~~.

28. (Currently amended) An apparatus for measuring a value detected from a second label corrected for a value detected from a first label comprising:

a test piece with a plurality of known different specific binding substances respectively disposed at a plurality of predetermined positions thereon, wherein said different specific binding substances are cDNA polynucleotides and are each labeled with a first labeling substance, wherein an organism-originated substance specifically binds to at least one of said specific binding substances, and wherein said organism-originated substance is labeled with a second labeling substance that differs from said first labeling substance;

a first detection unit~~means~~, wherein said first detection unit detects ~~for detecting~~ a level of a first labeling signal emitted by said~~a~~ first labeling substance~~, wherein said first labeling substance labels a plurality of known different specific binding substances respectively disposed at a plurality of predetermined positions on a carrier of a test piece, wherein said specific binding substance is a cDNA polynucleotide~~;

a second detection unit~~means~~, wherein said second detection unit detects ~~for detecting~~ a level of a second labeling signal emitted by a second labeling substance~~, wherein said second labeling substance differs from said first labeling substance and labels an organism-originated substance that binds to said specific binding substance~~;

an analyzing unit~~means~~, wherein said analyzing unit measures ~~for measuring~~ a quantity of said organism-originated substance bound to each of said specific binding substances, based

on ~~a~~the detected level of said second labeling signal, corrected for ~~a~~the detected level of said first labeling signal at each of said predetermined positions,

wherein said analyzing unit~~means performing said measurement~~ utilizes a correction value calculated from ~~information about~~ 1) ~~a~~the length of ~~the~~ each of said cDNA polynucleotides~~polynucleotide~~ and 2) the relative frequency of said~~the~~ first labeling substance within each of said cDNA polynucleotides~~polynucleotide used in the method~~.

29. (Currently amended) The apparatus as set forth in claim 25, wherein said first labeling substance ~~for said specific binding substances~~ is a fluorescent dye.

30. (Currently amended) The apparatus as set forth in claim 26, wherein said first labeling substance ~~for said specific binding substances~~ is a fluorescent dye.

31. (Currently amended) The apparatus as set forth in claim 27, wherein said first labeling substance ~~for said specific binding substances~~ is a fluorescent dye.

32. (Currently amended) The apparatus as set forth in claim 28, wherein said first labeling substance ~~for said specific binding substances~~ is a fluorescent dye.

33. (Currently amended) The apparatus as set forth in claim 25, wherein said first labeling substance ~~for said specific binding substances~~ is a radioactive isotope.

34. (Currently amended) The apparatus as set forth in claim 26, wherein said first labeling substance ~~for said specific binding substances~~ is a radioactive isotope.

35. (Currently amended) The apparatus as set forth in claim 27, wherein said first labeling substance ~~for said specific binding substances~~ is a radioactive isotope.

36. (Currently amended) The apparatus as set forth in claim 28, wherein said first labeling substance ~~for said specific binding substances~~ is a radioactive isotope.